

CURRICULUM VITAE BETÜL TANBAY

1. Education :

Ph.D Mathematics	University of California Berkeley	1989
Ph.Cand. Logic and the Methodology of Science	University of California Berkeley	1986
M.S. Mathematics	University of California Berkeley	1984
Licence de Mathématiques	Université Louis Pasteur Strasbourg	1982

2. Academic positions :

Permanent position :

Boğaziçi University 1989 -

Visiting positions :

University of California, Santa Barbara 2008
Université de Bordeaux 2005
University of California, Berkeley 2001
Institut de Mathématiques de Jussieu, Paris VI 2000
University of Kansas 1991
Pennsylvania State University 1990

3. Educational activities :

Courses taught :

- Undergraduate:
Calculus, Calculus for Mathematics Students, Introduction to Fundamentals of Mathematics,
Introduction to Complex Analysis, Real Analysis, Mathematical Logic, Set theory, Topology,
Functional Analysis

- Graduate

Measure Theory, Real Analysis, Functional Analysis, Banach and C*-Algebras

M.S Thesis supervision:

Elif Yılmaz, “An Introduction to Measurable Cardinals”

Ismet Köse, “Some Geometric Properties of Banach Spaces”

Sevgi Erdoğan, “Closed subspaces and Subalgebras of $K(H)$ ”

İlker Arslan, “A study on the Kadison – Singer Conjecture”

Murat Keçkin, “The Kadison-Singer Problem from a Banach Algebras Perspective”

TÜBİTAK (Turkish National Research Council) – Integrated PhD Program:

Boğaziçi University – Director of the Analysis Group (1996 -?)

4. Administrative duties:

Boğaziçi University

Senator representing the Faculty of Arts and Sciences	2009 - 2012
Vice Provost for Foreign Affairs	2004 - 2007
Mathematics Department Chair	2001 - 2004
Faculty of Arts and Sciences Vice Dean	1990 - 1991

Turkish Mathematical Society

Executive Board	2000 - 2016
Vice-President	2008 – 2010
President	2010 - 2016
Honorary Member	2016 -

European University Association

Representing the Boğaziçi University Rector in:	
Nice	2006
Glasgow	2005
Maastricht	2004

International Mathematical Union

Finland , Turkish Mathematical Society Representative	2022
Brazil , Turkish Mathematical Society Representative	2018
South Korea , Turkish Mathematical Society Representative	2014
Spain , Turkish Mathematical Society Representative	2006
Germany , Turkish Mathematical Society Representative	1998
Committee for Women in Mathematics	2015 – 2018
International Day of Mathematics Governing Board	2019 - 2022

European Mathematical Society

Slovenia , Turkish Mathematical Society Representative	2022
Holland , Turkish Mathematical Society Representative	2008
Poland , Turkish Mathematical Society Representative	2012
Raising Public Awareness Committee member	2008 - 2016

Ethics Committee member	2014- 2016
Executive Committee member	2017 – 2020
Vice – President	2019 - 2022

European Women in Mathematics, Standing Committee Member	1997 - 2000
Regional Coordinator	1994 – 200?

Memberships :

American Mathematical Society	1987 -
Turkish Mathematical Society	1990 –
European Mathematical Society	2010 -

5. Academic Activities:

Research grants

Tübitak Doctoral and Postdoctoral Network – Project Director	2008 - 2012
Boğaziçi University Research Fund	1999 - 2000
Tübitak Research Project	1991 - 1992
Tübitak Work Group	1992

Feza Gürsey Institute

Basic Sciences Research Institute Executive Board	1999 - 2005
Basic Sciences Research Institute Advisory Board	1998 -

Istanbul Center for Mathematical Sciences (IMBM)

Steering Committee -Codirector	2006 – 2012
Scientific Advisory Committee	2012 - 2016

Mediterranean Institute for Advances Studies (IMÉRA)

Scientific Council Member	2008 - 2013
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European University Association

Doctoral programmes in Europe	2006
Strong universities for Europe	2005
Research training as a key to a Europe of knowledge	2004

American Institute for Mathematics

Workshop on the Kadison-Singer Conjecture	2006
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Publications :

1. C. Araujo - G. Benkart – C. Praeger – B. Tanbay (editors), *Proceedings of the First World for Women in Mathematics*, Springer, 2019.
2. C. Akemann, J. Anderson, B. Tanbay, *Weak Pavability and the Kadison-Singer Problem*, J. of Operator Theory, **71**, 2014.
3. B. Tanbay, *A Letter on the Kadison-Singer Problem*, Revue Roumaine des Mathématiques Pures et Appliquées , **59**, 2, 2014.
4. C. Akemann, J. Anderson, B. Tanbay, *The Kadison-Singer problem for the direct sum of matrix algebras*, Positivity, **16**, 2012.
5. C. Akemann, B. Tanbay, A. Ülger *A Note on the Kadison-Singer Problem*, J. of Operator Theory, **63**, 2010.
6. B. Tanbay, *A Survey on the Schur Property*, Revue Roumaine des Mathématiques Pures et Appliquées, 2000.
7. B. Tanbay, *Direct Sums and the Schur Property*, Tr. J. of Math., **22**, 1998.
8. R. Herman – B. Tanbay (editors), *Proceedings of the NATO-Advanced Research Workshop in Operator Algebras, Mathematical Physics and Low Dimensional Topology*, Research Notes in Mathematics, A.K.Peters, 1993.
9. B. Tanbay, *Approximating the Averaging Operator*, Tr. J. of Math., **17**, 1993.
10. B. Tanbay, *Pure State Extensions of Algebras of Bounded Linear Operators and Related Problems*, Tübitak TBAG-1078, 1992.
11. B. Tanbay, *Strong Compressibility on Algebras of Operators*, Tr. J. of Math., **16**, 1992.
12. B. Tanbay, *Pure State Extensions and the Compressibility of the l_1 -algebra*, Proceedings of AMS, **113**, 1991.

Ph.D Thesis B. Tanbay, *Extensions of Pure States on Algebras of Operators*, Ph.D thesis, Thesis supervisor: Robert Solovay, Univ. of California, Berkeley, 1989.